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178	RORMATION DISCLOSURE	Application Number	10/612,298
		Filing Date	July 2, 2003
* *	ATEMENT BY APPLICANT	First named Inventor	Byron E. Anderson
Æ	3	Group Art Unit	1646- 1639
9	(use as many sheets as necessary)	Examiner name	Thomas Sweeney Heard CHR 1570
TRAPPARE	Sheet lof l	Attorney Docket Number	093073-9001 US01
		U.S. Patent Documents	
examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
(2)	5,753,628	Heavner et al.	5/19/1998

•			FOREIGN PATENT DOCUME	NTS		
Examiner .	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
64	JP	07-188282 A	Suetsuna Yoko	5/27/1995	Y	Y
1	wo	92/04371	Ferring Peptide Research Partnership KB	3/19/1992		
10	wo	97/13522	Gryphon Sciences	4/17/1997		
JL =	wo	00/62791	Hisamitsu Pharmaceutical Co., Inc. et al.	10/26/2000		
			Institut fur Diagnostik-			
	wo	01/11360	Freien Universitat Berlin	2/1.5/200.1		Y

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	Application Number	10/612,298
INFORMATION DISCLOSURE	Filing Date	July 2, 2003
STATEMENT BY APPLICANT	First Named Inventor	Byron E. Anderson
	Group Art Unit	1646 1639
(use as many sheets as necessary)	Examiner Name	Thomas-Sweeney-Heard CHRISTOPHER

Attorney Docket Number

Sheet

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	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
4	ALLURED, V.S. et al., "Structure of exotoxin A of pseudomonas aeruginosa at 3.0-Angstrom resolution," Proc. Natl. Acad. Sci (1986) 83:1320-1324
	APPELLA, D.H. et al., "Residue-based control of helix shape in beta-peptide oligomers," Nature (1997) 387(6631):381-384
	CHOE, S. et al., "The crystal structure of diphtheria toxin," Nature (1992) 357:216-222
	COOK, C.L. et al., "Simple purification methods for an alpha-Galactose-specific antibody from chicken eggs," J. Biosci. & Bioeng. (2001) 91(3):305-310
	CRAIG, C. and STITZEL, R. eds., Modern Pharmacology, Little, Brown & Co., Boston (1986) 127-133
	ELLIOTT, J.L. et al., "A quantitative study of the interactions of bacillus anthracis edema factor and lethal factor with activated protective antigen," Biochemistry (2000) 39:6706-6713
	ENDO, Y. et al., "The RNA N-glycosidase activity of ricin A-chain," J. Biol. Chem. (1988) 263:8735-8739
	FRYER, J.P. et al., "IgY antiporcine endothelial cell antibodies effectively block human antiporcine xenoantibody binding," Xenotransplantation (1999) 56:98-109
	GALILI, U., "The alpha-gal epitope (Galalpha1-3Galbeta1-4GlcNAc-R) in xenotransplantation," Biochimie (2001) 83:557-563

Examiner	(AAAA	Date //// Trace	
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number 10/612,298

Filing Date July 2, 2003

First Named Inventor Byron E. Anderson

Group Art Unit 1646 / 65 4

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Examiner Name

Thomas Sweeney Heard

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2 of 4 Attorney Docket Number 093073-9001 US01

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G		MOBERG,L.J. et al., "Affinity chromatography purification of type A botulinum neurotoxin from crystalline toxic complex," Appl. Environ. Microbiol. (1987) 35(5):878-880	
(6)		MURPHY, L.A. et al., "Five alpha-D-galactopyranosyl-binding isolectins from bandeiraea simplicifolia seeds," J. Biol. Chem. (1977) 252:4739-4742	
(6)			PINILLA, C. et al., "All-D peptides recognized by an anti-carbohydrate antibody identified from a positional scanning library," J. Mol. Biol. (1998) 283:1013-1025
Ć,		Remington's Pharmaceutical Sciences, 18th Edition, Mack Pub. Co., Easton, PA (1990)	
(Y	SHAPIRO, R.E. et al., "Identification of a ganglioside recognition domain of tetanus toxin using a nove ganglioside photoaffinity ligand," J. Biol. Chem. (1997) 272(48):30380-30386		SHAPIRO, R.E. et al., "Identification of a ganglioside recognition domain of tetanus toxin using a novel ganglioside photoaffinity ligand," J. Biol. Chem. (1997) 272(48):30380-30386
		,	SPEIGHT, T, ed., Avery's Drug Treatment: Principles and Practice of Clinical Pharmacology and Therapeutics, 3rd ed. Williams and Wilkins, Baltimore (1987) 50-56
			SPILKER, B., Guide to Clinical Studies and Developing Protocols, Raven Press Books, Ltd., New York (1984) 7-13, 54-60
		÷	SPILKER, B., Guide to Clinical Trials, Raven Press, Ltd., New York, (1991) 93-101
,	/	١	SZEKANECZ, Z. et al., Chemokines and angiogenesis," Current Opinion in Rheumatology (2001) 13(3):202-208

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/612,298	1
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			ICANT	First Named Inventor	Byron E. Anderson	1
				Group Art Unit	1646- 1639	1
(use as many sheets as necessary))	Examiner Name	Themas Sweeney Heard (FIRIS TO PHS)	BERG
Sheet	4	of .	4	Attorney Docket Number	093073-9001 US01	1 .

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
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9	TALLARIDA, R. et al., Principles in General Pharmacology, Springer-Verlag, New York, (1988) 18-20
	TAYLOR, P.C., "Anti-tumor necrosis factor therapies," Current Opinion in Rheumatology (2001) 13(3):164-169
	TSE, C.K. et al., "Preparation and characterisation of homogeneous neurotoxin type A from clostridium botulinum," Eur. J. Biochem. (1982) 122:493-500
	WADE, D. et al., "All-D amino acid-containing channel-forming antibiotic peptides," Proc. Natl. Acad. Sci, USA (1990) 87:4761-4765

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